

Meadows, Anthony

From: Slayton, Joe
Sent: Monday, December 16, 2013 3:44 PM
To: Johnson, WandaF
Cc: Arguto, William; Long, George; Messer, Ed; Foreman, Fred
Subject: 2014 DW Certificate
Attachments: Signed Cover Ltr.pdf; Attch 4 Apdx E_5_13_13 JS.xls; Attch 3A Support Labs_12_11_13 JS.doc; Signed Cert WV.pdf; WV Cert LIST_10-22-13 updated 11_29_13 JS.xlsx

Signed hardcopies are being mailed to the PSL today. WV recently expanded their scope of certification for organic analysis and hopes to continue increasing their capabilities in this analytical area over the next several years. Joe Slayton

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029



Dear Laboratory Director:

The U.S. Environmental Protection Agency, Region III (EPA) has completed the certification status report for your facility as required by the Drinking Water laboratory Certification Program. The procedure used to prepare the report is described in the Standard Operating Procedure (SOP) document, Region III Protocols for the Certification of Principal State Laboratories to Perform Drinking Water Analyses (R3-QA801.5).

Enclosed is the overall certification status report and certificate for your facility. Two elements constitute a laboratory's certification status: Proficiency Testing (PT) sample performance and an on-site laboratory evaluation. As cited in the EPA Drinking Water Laboratory Certification Manual, laboratories are certified parameter-by-parameter and method-by-method on an annual basis.

The current certification period is January 1, 2014 through December 31, 2014. The enclosed status report shows each parameter and its method(s) of analysis for which your laboratory requested certification. Only PT data for 2013 have been included in this report. Certification status reports are based on a laboratory completing its annual PT studies by September 30th which enables the certificate to be completed by December 31st as described in the SOP. Your staff should be encouraged to complete the 2014 PT sample studies during the first quarter of the calendar year and repeat any analyses that are unacceptable, in make-up studies, as soon as possible in the second quarter. The certification status for the last on-site assessment is also included in this report.

The "Appendix E" listing of drinking water primacy critical analytical capabilities is enclosed. This listing does not represent a required scope of accreditation for your laboratory but is provided to facilitate discussions between the EPA and State Drinking Water Program Managers. If your laboratory's certificate indicates primacy critical analytes for which your laboratory is not certified, Region III requests the enclosed form be completed indicating how the State will cover these analyses. Also, the Region is responsible to collect information on subcontracting of SDWA analytical capabilities by Principal State Laboratories (PSLs). Please complete the same form regarding any SDWA compliance samples that your laboratory forwards or plans to forward to satellite, commercial or other state laboratories for analysis. Please work with your State Drinking Water program in this effort and send the electronic copy of the completed form/s and associated documentation within 30 days of receipt of this letter to Joseph Slayton, Senior Scientist using the Email address: Slayton.Joe@epa.gov

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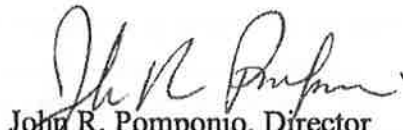
Page 1 of 2



Also, to update our files, please send an electronic copy of your current laboratory Quality Assurance Manual/Plan to the same address.

I thank you and your staff for your help, professionalism and commitment for continuous improvement. Should you have any questions regarding this information, please contact my office or have your staff contact Joseph Slayton, Senior Scientist at (410) 305- 2653.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Pomponio".

John R. Pomponio, Director
Environmental Assessment and Innovation Division
Water Supply Laboratory Certification Authority



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029**

Issues to

West Virginia (WV00003 & WV00902)

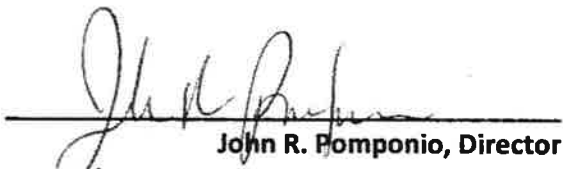
**Laboratory Safe Drinking Water Act (SDWA) Certificate
January 1, 2014- December 31, 2014**

**BASED UPON CURRENT REQUIRED SDWA ANALYTICAL CAPABILITIES FOR PRIMACY,
LABORATORY PROFICIENCY TESTING (PT) SAMPLE PERFORMANCE,
LATEST ON-SITE REVIEW & ANY INTERIM APPROVALS**

Last On-site 9/18-19/2012.

LEGEND

**C – Certified to Perform SDWA Compliance Analyses.
IC – Interim Certified to Perform SDWA Compliance Analyses
Based Upon Documentation Provided (On-Site Pending).
NC – Not Certified to Perform SDWA Compliance Analyses.**


**John R. Pomponio, Director
Environmental Assessment and Innovation Division
Water Supply Laboratory Certification Authority**

11.3 Attachment #3A: Satellite and Commercial Laboratories Utilized by the R3 State Principal Laboratories (PSLs) and/or State DW Program Offices:State: WVCompleted for PSL By (Name/Date): Tom Ong & Greg Young 02/07/2014

or If Completed by State DW Program (Name/Date): See attached message from Greg

Young dated 2/26/14 and associated WV DW Program Document (therefore this completed form covers the program as well). In addition the PSL does not sub-contract DW analyses also included in Greg Y' note.

If this form is being completed by a State PSL: Each year EPA collects information on **contracting** of SDWA “primacy critical analyses” by Principal State Laboratories. This would include any SDWA compliance samples your laboratory forwards to commercial or Satellite laboratories for analyses. The commercial laboratories must be either certified under the National Environmental Laboratory Accreditation Program (NELAP) or be State Laboratories which are either NELAP certified or certified directly by EPA Region III. The satellite laboratory/ies may be certified by the State’s own Drinking Water Laboratory Certification program. If the satellite laboratory performs primacy critical analyses for which the PSL is not certified (special case), Region III will need to issue a letter of recognition over the State’s certificate.

If this form is being completed by a State Program: Regarding the request for a contract listed in the form below, if the State program does not routinely perform drinking water sampling or has monitoring waivers, your program still needs to have at least a written plan in place. The plan needs to identify a NELAP accredited laboratory/ies or a PSL from another State that is either NELAP accredited or certified by EPA directly that could perform the “primacy critical” analyses listed in the table below. In such cases the written plan should be attached to this form and the column entitled “copy of contract attached” should read “see the attached written plan”. The current certificate (NELAP or other State’s PSL certificate) needs to be attached to the plan for labs that may be potentially utilized. One of the goals of this effort is to meet the requirements of 40 CFR Part 142.10(b) (4). This regulation requires a State to have access to laboratories to cover all of the primacy critical drinking water analyses and that these laboratories are directly certified by EPA.. The NELAP certifications are recognized by EPA's Office of Ground Water and Drinking Water (responsible for all drinking water laboratory certifications), as equivalent to being certified directly by EPA (spirit of the law/CFR).

Reviewed By EPA (Name): George LongDate: 10 Feb. 2014

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) <u>[This Column Completed by EPA]</u>
Inorganic Contaminants (IOCs)					
Antimony	EPA 200.8	(WV PSL)			Yes, R3 certified
Arsenic	EPA 200.8	(WV PSL)			Yes, R3 certified
Asbestos	EPA 100.2	Eurofins Eaton	Page 3	Yes*	Yes
Barium	EPA 200.8	(WV PSL)			Yes, R3 certified
Beryllium	EPA 200.8	(WV PSL)			Yes, R3 certified
Cadmium	EPA 200.8	(WV PSL)			Yes, R3 certified
Chromium	EPA 200.8	(WV PSL)			Yes, R3 certified
Copper	EPA 200.8	(WV PSL)			Yes, R3 certified
Cyanide (Free)	SM4500CNF	(WV PSL)			Yes, R3 certified
Cyanide (Total)	Only needed for screening				
Fluoride	EPA 300.0 SM 4500 FC	(WV PSL)			Yes, R3 certified
Lead	EPA 200.8	(WV PSL)			Yes, R3 certified
Mercury	EPA 200.8 EPA 245.1	(WV PSL)			Yes, R3 certified

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If “No”, a Written Plan is Needed	Lab’s NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) [This Column Completed by EPA]
Nickel	EPA 200.8	(WV PSL)			Yes, R3 certified
Nitrate	EPA 300.0 EPA 126A	(WV PSL)			Yes, R3 certified
Nitrate and Nitrite (total)	EPA 126A	(WV PSL)			Yes, R3 certified
Nitrite	EPA 300.0 2-013-1-H	(WV PSL)			Yes, R3 certified
Selenium	EPA 200.8	(WV PSL)			Yes, R3 certified
Sodium	SM 311B	(WV PSL)			Yes, R3 certified
Thallium	EPA 200.8	(WV PSL)			Yes, R3 certified
Disinfection Byproducts (DBPs)					
Bromate	EPA 300.1	UL LLC	Page 3	Yes*	Yes
Chlorite	EPA 300.1	(WV PSL)			Yes, R3 certified
Dibromoacetic acid	EPA 552.2	UL LLC	Page 5	Yes*	Yes
Dichloroacetic acid	EPA 552.2	UL LLC	Page 5	Yes*	Yes
Monobromoacetic acid	EPA 552.2	UL LLC	Page 3	Yes*	Yes
Monochloroacetic acid	EPA 552.2	UL LLC	Page 4	Yes*	Yes
Trichloroacetic acid	EPA 552.2	UL LLC	Page 9	Yes*	Yes
Total Haloacetic Acids	EPA 552.2	UL LLC	Page 9	Yes*	Yes

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) [This Column Completed by EPA]
Organic Contaminants					
Bromodichloromethane	EPA 524.2	(WV PSL)			Yes, R3 certified
Bromoform	EPA 524.2	(WV PSL)			Yes, R3 certified
Chloroform	EPA 524.2	(WV PSL)			Yes, R3 certified
Dibromochloromethane	EPA 524.2	(WV PSL)			Yes, R3 certified
Total Trihalomethanes	EPA 524.2	(WV PSL)			Yes, R3 certified
Volatile Organic Contaminants	EPA 524.2	(WV PSL)			
1,1,1-Trichloroethane	EPA 524.2	(WV PSL)			Yes, R3 certified
1,1,2-Trichloroethane	EPA 524.2	(WV PSL)			Yes, R3 certified
1,1-Dichloroethylene	EPA 524.2	(WV PSL)			Yes, R3 certified
1,2,4-Trichlorobenzene	EPA 524.2	(WV PSL)			Yes, R3 certified
1,2-Dichlorobenzene (ortho)	EPA 524.2	(WV PSL)			Yes, R3 certified
1,2-Dichloroethane	EPA 524.2	(WV PSL)			Yes, R3 certified
1,2-Dichloropropane	EPA 524.2	(WV PSL)			Yes, R3 certified
1,4-Dichlorobenzene (para)	EPA 524.2	(WV PSL)			Yes, R3 certified
Benzene	EPA 524.2	(WV PSL)			Yes, R3 certified
Carbon tetrachloride	EPA 524.2	(WV PSL)			Yes, R3 certified
Chlorobenzene (mono)	EPA 524.2	(WV PSL)			Yes, R3 certified

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) [This Column Completed by EPA]
cis-1,2-Dichloroethylene	EPA 524.2	(WV PSL)			Yes, R3 certified
Dichloromethane (Methylene Chloride)	EPA 524.2	(WV PSL)			Yes, R3 certified
Ethylbenzene	EPA 524.2	(WV PSL)			Yes, R3 certified
Styrene	EPA 524.2	(WV PSL)			Yes, R3 certified
Tetrachloroethylene	EPA 524.2	(WV PSL)			Yes, R3 certified
Toluene	EPA 524.2	(WV PSL)			Yes, R3 certified
trans-1,2-Dichloroethylene	EPA 524.2	(WV PSL)			Yes, R3 certified
Trichloroethylene	EPA 524.2	(WV PSL)			Yes, R3 certified
Vinyl chloride	EPA 524.2	(WV PSL)			Yes, R3 certified
Xylenes (total)	EPA 524.2	(WV PSL)			Yes, R3 certified
Synthetic Organic Contaminants					
1,2-Dibromo-3- chloropropane (DBCP)	EPA 504.1	UL LLC	Page 1	Yes*	Yes
2,4,5-TP (Silvex)	EPA 515.3	UL LLC	Page 8	Yes*	Yes
2,4-D (as acids, salts, and esters)	EPA 515.3	UL LLC	Page 1	Yes*	Yes
Alachlor	EPA 525.2	UL LLC	Page 2	Yes*	Yes
Atrazine	EPA 525.2	UL LLC	Page 2	Yes*	Yes
Benzo(a)pyrene	EPA 525.2	UL LLC	Page 2	Yes*	Yes

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) [This Column Completed by EPA]
Carbofuran	EPA 531.2	UL LLC	Page 3	Yes*	Yes
Chlordane (Technical Grade)	EPA 505	UL LLC	Page 3	Yes*	Yes
Dalapon	EPA 515.3	UL LLC	Page 4	Yes*	Yes
Di(2-ethylhexyl)adipate	EPA 525.2	UL LLC	Page 4	Yes*	Yes
Di(2-ethylhexyl)phthalate	EPA 525.2	UL LLC	Page 3	Yes*	Yes
Dinoseb	EPA 515.3	UL LLC	Page 5	Yes*	Yes
Dioxin (2,3,7,8-TCDD)	EPA 1613	Eurofins,	P 8	Yes*	Yes
Diquat	EPA 549.2	UL LLC	Page 5	Yes*	Yes
Endothall	EPA 548.1	UL LLC	Page 5	Yes*	Yes
Endrin	EPA 525.2	UL LLC	Page 5	Yes*	Yes
Ethylene dibromide (EDB) (1,2-dibromoethane)	EPA 504.1	UL LLC	Page 1	Yes*	Yes
Glyphosate	EPA 547	(WV PSL)			Yes, R3 certified
Heptachlor	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Heptachlor epoxide	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Hexachlorobenzene	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Hexachlorocyclopentadiene	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Lindane	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Methoxychlor	EPA 525.2	UL LLC	Page 6	Yes*	Yes
Oxamyl (Vydate)	EPA 531.2	UL LLC	Page 7	Yes*	Yes
PCBs (as Aroclors,	EPA 505	UL LLC	Page 7	Yes*	Yes

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) [This Column Completed by EPA]
qualitative, required if used for screening)					
PCBs (as Decachlorobiphenyl, quantitative)	EPA 508.A	ALS Middletown	Page 5-page 3	Yes*	Yes
Pentachlorophenol	EPA 515.3	UL LLC	Page 7	Yes*	Yes
Picloram	EPA 515.3	UL LLC	Page 8	Yes*	Yes
Simazine	EPA 525.2	UL LLC	Page 8	Yes*	Yes
Toxaphene	EPA 505	UL LLC	Page 9	Yes*	Yes
Radioactive Contaminants					
Alpha particles (Gross Alpha)	SM 7110 B	UL LLC	Page 6	Yes*	Yes
Beta particle and photon emitters (Gross Alpha and Beta)	SM 7110 B	UL LLC	Page 6	Yes*	Yes
Radium 226	SM7500RaB	UL LLC	Page 8	Yes*	Yes
Radium 228	SM7500RaD	UL LLC	Page 8	Yes*	Yes
Uranium	EPA 200.8	UL LLC	Page 9	Yes*	Yes
Microbiological Contaminants					

Analytical Parameters (Primacy Critical Analytes)	SDWA Approved Method/s	Lab Name	Current Certificate Attached? LIST PAGE NUMBER of ANALYTE In CERTIFICATE	Copy of Contract Attached Y/N? If "No", a Written Plan is Needed	Lab's NELAP Certificate Current & Scope Matches Analytical Area Utilized & SDWA Approved Methods Used. Indicate if contact or this form only as plan (Y/N) <u>[This Column Completed by EPA]</u>
Coliforms, total	SM9221B,E	(WV PSL)			Yes, R3 certified
Coliforms, fecal	SM9221B, SM9223, Colilert	(WV PSL)			Yes, R3 certified
Escherichia coli (E. coli) (presence/absence)	SM9223, Colilert	(WV PSL)			Yes, R3 certified
Escherichia coli (E. coli) (enumeration)	SM9223 ColilertQT	(WV PSL)			Yes, R3 certified
Heterotrophic plate count (HPC) bacteria	SM9215B	(WV PSL)			Yes, R3 certified

II. Satellite Laboratory/ies or PSL/s of Other State Laboratories:

Note: If a State Satellite or PSL/s of Other State/s is **Not** Utilized for Drinking Water Analyses indicate "**None**" or enter information in all columns except the one labeled "This Column Completed by EPA".

Analytical Parameters (Only include analytes)	SDWA Approved Method	Lab Name and Type (Satellite or PSL of Other States)	Current State Certificate	Lab's Certificate Current and Scope Matches Analytical
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listed in the previous section of this form-- Primacy Critical Analytes). Add rows as needed.			Attached?	Area Utilized (Y/N) <u>[This Column Completed by EPA]</u>
Microbiological Contaminants				
Coliforms, Fecal (Presence / Absence)	_____	_____	_____	
Coliforms, Total (Presence / Absence)	SM9223, Colilert	WV Dept of Health Dist. Env. Lab. (Satellite	State Cert Yes	Yes, nomenclature slightly different on PSL's certificate
Escherichia coli (E. coli) (Presence / Absence)	SM9223, Colilert	“ “	State Cert Yes	Yes, nomenclature slightly different on PSL's certificate
Escherichia coli (E. coli) (Enumeration)	SM9223 ColilertQT	“ “	State Cert Yes	Yes, nomenclature slightly different on PSL's certificate
Heterotrophic Plate Count (HPC)	SM9215B	“ “	State Cert Yes	Yes

* Completion of this form represents a written Plan

West Virginia State-of-the-State Briefing – April 2014

System Inventory

	Systems/Population	
CWS	483	1,515,053
NTNC	102	32,413
TNC	409	30,369

Rule Adoption

- WV is up to date on rule adoption.
- Primacy package for RTCR is due Feb 2016.
 - Per Kelly Moran, RTCR Lead, calls with the states will begin soon to discuss the implementation guidance that came out Feb 2014.
 - The state intends to request an extension.
 - WV usually adopts by reference. Since they will not be allowing reduced monitoring for small systems, additional time is needed to develop state regs.
 - Extension request must be submitted by August 2014.
 - Negotiations with WV re: interim implementation will be necessary (before Feb 2015).

SDWIS Training & Technical Assistance

All SOPs and training has been delivered under EPA HQ work assignment with CADMUS. WV received SOPs for the following: Inventory Updates and New Sources Data Entry, LCR, Sanitary Surveys, PN/CCR, ST1&2 DBP, Enforcement Policy, Phase II/V and GWR. On-site training occurred January 14-16, 2014. Training was based around the SOPs, targeting new and existing staff on SDWIS compliance determination, Microsoft Access query development and SDWIS data in mass mailing. March 12-13, 2014, CADMUS conducted two (2) GoTo Meetings, on generating PWS profile reports and waivers. CADMUS modified the SDWIS Reporting Services MS Access application so WV can run the reports from a network drive.

EPA awaiting last invoice for March 2014.

Lab Certification Program

Annual Certification of WVDHHR's Drinking Water Laboratory Certification Program was issued on December 14, 2013 for the 2014 calendar year. WV recently expanded their scope of certification for organic analysis and hopes to continue increasing their capabilities in this analytical area over the next several years. NELAP Certificates have been provided for all satellite and commercial labs used by the WVDHHR.

QMP/QAPP

Approved until 2015.

